

F-7231



Form PTO-1449 (Rev. 7-80) 42-44F (F-49)		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No.: F-7231		Serial No.: 09/989,505	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Applicant: Takashi YAMAGUCHI			
				Filing Date: November 20, 2001		Group: 3712	
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
AA		4,929,949	5/29/90	Yamamoto et al.			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
AA		0 19 448	11/26/80	EP			
TRANSLATION KEY: * English Abstract. ^F Concise statement of relevance provided in foreign search report. ^C Concise statement of relevance provided in specification. ^S Concise statement of relevance provided in IDS. ^P Relevant portion of reference translated. ^O English abstract only - copy of reference in pct search.							
OTHER INFORMATION DISCLOSURE CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER Ali F. ABDEL WAHED				DATE CONSIDERED 10/28/2003			
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							Yes No
AA		5-103877	4/27/93	JP			Y*
AA		1-276926	11/7/89	JP			Y*
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